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By-Isler, Norman P.

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The references included were drawn from the documents received and processed to date by the ERIC Clearinghouse on Educational Facilities, and are organized into the following sections--(1) procedures for making facilities and space utilization studies, (2) uses of the computer for facility and space requirements, (3) facilities inventory procedures, (4) research space requirements, and (5) case descriptions of space and facility utilization studies. (FS)

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EF 003 785

PLANNING IN HIGHER EDUCATION

An Interpretive Bibliography in Six Parts

Part I

FACILITIES AND SPACE UTILIZATION

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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PLANNING IN HIGHER EDUCATION

An Interpretive Bibliography

Part I

FACILITIES AND SPACE UTILIZATION

Prepared By

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Subject Area Coordinator

The work presented herein was performed pursuant to a contract with the U.S. Office of Education, Department of Health, Education and Welfare (OEC-1-7-07883-5095)

ERIC Clearinghouse on Educational Facilities

The University of Wisconsin

Madison, Wisconsin

November 1969

FOREWORD

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ERIC/CEF is part of a national network of 19 clearinghouses each covering a different field of educational research. The information from all these clearinghouses is reported monthly in RESEARCH IN EDUCATION (RIE), a publication of the U.S. Government Printing Office (annual subscription: domestic $21.00, foreign $26.25).

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The references contained herein are drawn from the documents received and processed to date by ERIC/CEF. They are not represented as a comprehensive list of information on the subject. However, many of the documents are not widely circulated and are therefore useful in expanding existing information.

Howard E. Wakefield
Director

November 1969

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FACILITIES AND SPACE UTILIZATION IN HIGHER EDUCATION

The documents included in this bibliography are concerned with the utilization of space and facilities, their inventory, procedures and methodologies in projecting future needs, including uses of the computer and case descriptions.

Pages

Procedures for Making Facilities and Space Utilization Studies

Some of the issues dealt with cover systems of space classification, procedures for room inventory, residential housing facilities, enrollment, instructional workload, and more efficient use of space. 2-9

Uses of the Computer for Facility and Space Requirements

The determination of space and facility requirements by the computer employing several different techniques is described. 11-13

Facilities Inventory Procedures

Seven references concerned with methods for the establishment of an inventory of physical facilities are included. Among the topics discussed are required and necessary data, compilation and recording of data on special forms, and room and building classification schemes. 15-21

Research Space Requirements

Buildings for research and their spatial requirements is the subject of four references. The subject matter of the research, the level of activity, and the demand unit approach are all discussed as they relate to space needs. 23-26

Case Descriptions of Space and Facility Utilization Studies

Nine separate descriptions of studies of space utilization and facility requirements as reported by institutions of higher education. Each institution reports on its particular study, its methodology, results, and recommendations. 28-40

PROCEDURES FOR MAKING FACILITIES AND SPACE UTILIZATION STUDIES

ERIC/CEF DOCUMENT NO. EF000047 ED 13531 DISPOSITION-UFRC 1

HORIZONTAL AND VERTICAL CIRCULATION IN UNIVERSITY INSTRUCTIONAL AND RESEARCH BUILDINGS

UNIVERSITY FACILITIES RESEARCH CENTER, MADISON, WISCONSIN

PUBLISHED- 61

024 PAGES

DESCRIPTORS- *BUILDING DESIGN, *CODIFICATION, *COLLEGE BUILDINGS, *COLLEGE PLANNING, *FACILITY GUIDELINES, FACILITY UTILIZATION RESEARCH

TO FACILITATE CIRCULATION PLANNING IN BUILDINGS USED FOR HIGHER EDUCATIONAL INSTRUCTION AND RESEARCH, A PILOT STUDY WAS CONDUCTED WITH THE INTENT OF DEVELOPING GENERALIZED RECOMMENDATIONS FOR HORIZONTAL AND VERTICAL CIRCULATION FACILITIES. A SURVEY TECHNIQUE WAS DEVELOPED AND APPLIED TO FOUR CLASSROOM AND TWO RESEARCH BUILDINGS IN ORDER TO OBSERVE AND RECORD--(1) CIRCULATION ON PARTICULAR FLOORS DURING PEAK WORK LOADS, (2) NUMBER OF PERSONS IN EACH ROOM ON A FLOOR DURING THE MORNING, (3) THE LENGTH OF THE KEY CIRCULATION ROUTES, (4) TRAVEL TIME OF KEY ROUTES DURING PEAK PERIODS. DATA ON PERMISSIBLE DENSITY, CLASSROOM UTILIZATION AND PLANNING STANDARDS WERE CONSIDERED IN THE RECOMMENDATIONS FOR HORIZONTAL CIRCULATION. IN ADDITION TO THESE FACTORS, VERTICAL CIRCULATION RECOMMENDATIONS CONSIDERED LAND, BUILDING AND CIRCULATION FACILITIES COSTS. IN ORDER TO PLACE THE STUDY WITHIN THE FRAMEWORK OF CORRECT DESIGN PRACTICE THE HORIZONTAL AND VERTICAL CIRCULATION RECOMMENDATIONS WERE COMPARED WITH BUILDING CODES OF TWO CITIES, THREE STATES AND TWO NATIONAL ASSOCIATIONS. IN ADDITION TO INTRA-BUILDING CIRCULATION, CLASS SCHEDULING AND PHYSICAL PLANT LOCATION WILL DETERMINE CIRCULATION TIME AND DISTANCE. SURVEY PROCEDURE AND THE DATA COLLECTION FORM ARE PRESENTED IN THE APPENDIX. (BH)

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ERIC/CEF DOCUMENT NO. EF000077 DISPOSITION-UFRC 2

TO BUILD OR NOT TO BUILD, A REPORT ON THE UTILIZATION AND PLANNING OF INSTRUCTIONAL FACILITIES IN SMALL COLLEGES

BY- JAMRICH, JOHN X.
EDUCATIONAL FACILITIES RESEARCH CENTER, NEW YORK, N. Y.

PUBLISHED- 62

74 PAGES

DESCRIPTORS- *BUILDINGS, *COLLEGE PLANNING, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *METHODOLOGY, CAMPUS PLANNING, EDUCATIONAL TRENDS, SPACE UTILIZATION, STUDENT ENROLLMENT, STUDENT TEACHER RATIO

THE REPORT GIVES AN EXTENSIVE COLLECTION OF DATA ASSEMBLED FROM OVER 60 FOUR-YEAR, DEGREE-GRANTING, LIBERAL ARTS COLLEGES IN THE NORTH CENTRAL REGION OF THE UNITED STATES ALL OF THEM WITH ENROLLMENTS UNDER 3000. THE PURPOSE OF THE REPORT IS TO HELP INCREASE THE EFFICIENCY OF USE OF EXISTING SPACE TO MAKE ROOM FOR MORE STUDENTS THEREBY REDUCING THE QUANTITY OF NEW SPACE TO BE BUILT. THE DATA FOCUS UPON IMPROVEMENT OF UTILIZATION OF EXISTING INSTRUCTIONAL SPACE AND PLANNING NEW SPACE. A UNIQUE FEATURE OF THIS REPORT IS A SPACE UTILIZATION WORKBOOK FOR DETERMINING HOW INSTRUCTIONAL SPACE IS BEING USED. THE DATA IS INTENDED AS AN AID TO ANY LIBERAL ARTS COLLEGE EMBARKING ON A SPACE UTILIZATION STUDY. COPIES OF THIS REPORT MAY BE OBTAINED FROM EDUCATIONAL FACILITIES LABORATORIES, INC., 477 MADISON AVENUE, NEW YORK, N. Y. 10022. (HH)

Availability:

Educational Facilities Laboratories
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New York, New York 10022

ERIC/CEF DOCUMENT NO. EF000901 ED 15628 DISPOSITION-UFRC 1

GUIDELINE PROCEDURES AND CRITERIA FOR CAMPUS DEVELOPMENT AND CAPITAL OUTLAY PLANNING

BY- MASON, THOMAS R.
ASSOCIATION OF STATE INSTITUTIONS OF HIGHER EDUCATION IN COLORADO

PUBLISHED-APR64

476 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *CAPITAL OUTLAY (FOR FIXED ASSETS), *COLLEGE BUILDINGS, *FACILITY GUIDELINES, *FACILITY UTILIZATION RESEARCH, CONSTRUCTION COSTS, CRITERIA, EDUCATIONAL COMPLEXES, LAND USE

THE PURPOSE OF THIS MANUAL IS TO PROVIDE A BASIS FOR SYSTEMATICALLY PROGRAMMING THE REQUIREMENTS FOR PHYSICAL PLANT AND LAND TO ACCOMMODATE THE NEEDS OF AN INSTITUTION UNDER A SPECIFIED SET OF CIRCUMSTANCES. THE MANUAL IS ORGANIZED INTO SIX BROAD ELEMENTS--(1) ACTIVITY LEVELS OF ENROLLMENT, INSTRUCTIONAL WORKLOADS AND STAFF REQUIREMENTS, (2) PLANNING CRITERIA FOR UTILIZATION AND PHYSICAL FACTORS, (3) SPACE REQUIREMENTS NEEDED FOR ANY FUNCTIONAL CATEGORY OF THE INSTITUTION, (4) BUILDING OCCUPANCY PROGRAMS FOR THE DISRIBUTION OF INSTITUTIONAL SPACE REQUIREMENTS AMONG PRESENT AND FUTURE BUILDINGS, (5) CAMPUS DEVELOPMENT AND LAND REQUIREMENTS FOR BUILDINGS, PARKING FACILITIES, AND ATHLETIC FACILITIES, AND (6) CAPITAL BUDGETING FOR MAINTENANCE AND ALTERATION OF PRESENT BUILDINGS, COSTS OF NEW CONSTRUCTION AND LAND ACQUISITION. WORKSHEETS ARE PROVIDED FOR A THOROUGH COLLECTION OF DATA AND ANALYSIS IN THE ABOVE NOTED AREAS. (HH)

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ERIC/CEF DOCUMENT NO. EF001509 ED 17157 DISPOSITION-UFRC 1

PROCEDURES FOR PHYSICAL FACILITY AND UTILIZATION STUDIES

BY- SCHWEHR, F. E. AND SCHWEHR, B. J.
WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED-OCT67

131 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *COMPUTER ORIENTED PROGRAMS, *EDUCATIONAL SPECIFICATIONS, *FACILITY UTILIZATION RESEARCH, *METHODOLOGY, DATA ANALYSIS, DATA COLLECTION, DATA SHEETS, FACILITY INVENTORY, SPACE CLASSIFICATION, SPACE UTILIZATION

EFFECTIVELY PLANNING THE BUILDINGS NECESSARY FOR AN INSTITUTION OF HIGHER EDUCATION TO ACHIEVE ITS DESIRED GOALS REQUIRES SYSTEMATIC METHODOLOGY FOR GATHERING ACCURATE INFORMATION ON WHAT FACILITIES ARE AVAILABLE AND HOW THE FACILITIES ARE PRESENTLY BEING USED BY A GIVEN NUMBER OF STUDENTS IN A PARTICULAR COURSE OF STUDY. THIS MANUAL PRESENTS SUCH A SYSTEMATIC METHOD FOR CONDUCTING STUDIES ON PHYSICAL FACILITIES AND THEIR UTILIZATION AS RELATED TO PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN WISCONSIN. THE PROCEDURES DESCRIBED WILL PROVIDE COMPARABLE DATA IN THE REPORTING OF EXISTING FACILITIES AND SERVE AS A BASIS FOR MAKING BIENNIAL PROJECTIONS OF FACILITY NEEDS. INCLUDED ARE THE FOLLOWING SECTIONS OF INFORMATION--(1) A SYSTEM OF SPACE CLASSIFICATION WHICH WOULD UNIFY DEFINITIONS OF ROOM TYPES, SUBJECT FIELD AND FUNCTION CLASSIFICATIONS FOR THE PURPOSE OF GIVING COMPARATIVE DATA FOR STATISTICAL STUDIES AT THE NATIONAL OR STATE LEVELS, (2) THE METHODS OF COLLECTING DATA FOR THE INVENTORY AND UTILIZATION STUDIES, (3) A FORMAT FOR PRESENTING THE DESIRED INFORMATION OUTPUT, AND (4) THE MANNER IN WHICH THE INVENTORY AND UTILIZATION INFORMATION WILL BE USED. THE SPECIFIC INFORMATION ON TYPES OF WORKSHEETS, FORMATS FOR THE COLLECTED DATA AND ANALYZED DATA ARE INCLUDED WITHIN THE TEXT. WHILE THE MANUAL IS BASED ON A COMPUTERIZED METHOD OF ANALYSIS, THE PROCEDURES MAY BE EASILY CONVERTED TO A MANUAL ANALYSIS WHICH MAY BE DESIRABLE FOR SMALLER INSTITUTIONS. (BH)

Order from EDRS as: ED 17157

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ERIC/CEF DOCUMENT NO. EF001550 ED 22328 DISPOSITION-UFRC 1

FACILITIES INVENTORY AND SPACE UTILIZATION PROCEDURES MANUAL

BY- SEIFRIT, WILLIAM C.
IDAHO STATE COMMISSION FOR HIGHER EDUCATION FACILITIES

PUBLISHED-AUG67

113 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *EDUCATIONAL FACILITIES, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, CLASSIFICATION, CODIFICATION, DATA ANALYSIS, DATA COLLECTION, DATA SHEETS, EDUCATIONAL SPECIFICATIONS, MASTER PLANS, METHODS, PUBLIC EDUCATION, SPACE UTILIZATION

PROCEDURES NECESSARY FOR CONDUCTING FACILITY INVENTORIES AND SPACE UTILIZATION STUDIES FOR IDAHO'S HIGHER EDUCATION INSTITUTIONS ARE DIRECTED TOWARDS ESTABLISHING A COORDINATED, COMPREHENSIVE PLANNING SYSTEM. THE SPECIFIC OBJECTIVES ARE TO PROVIDE DATA NECESSARY TO PLAN INTELLIGENTLY FOR FUTURE FACILITIES CONSTRUCTION NEEDS, AND TO PROVIDE SOME OF THE DATA NECESSARY FOR STATE-WIDE COMPREHENSIVE PLANNING IN HIGHER EDUCATION. THIS MANUAL FOR FACILITY INVENTORY AND SPACE UTILIZATION RESEARCH IS CONSIDERED THE INITIAL STEP IN A COMPREHENSIVE MASTER PLAN. CONSISTING OF THREE SECTIONS, THE MANUAL OUTLINES PROCEDURES FOR BUILDING AND ROOM INVENTORIES AND UTILIZATION STUDIES WITH EACH SECTION DETAILING HOW THE STUDIES ARE TO BE IMPLEMENTED AND EVALUATED. THE APPENDICES CONTAIN ADDITIONAL INFORMATION REQUIRED TO COMPLETE THE STUDIES SUCH AS CLASSIFICATION SYSTEMS, DIRECTIONS FOR SURVEY TEAMS, AND ROOM AND BUILDING CODES. (BH)

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ERIC/CEF DOCUMENT NO. EF002268 DISPOSITION-UFRC 2

GUIDELINES FOR PLANNING IN COLLEGES AND UNIVERSITIES, VOLUME FOUR-PHYSICAL PLANT PLANNING FACILITIES STUDIES

PUBLISHED-JUL68

125 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *SPACE UTILIZATION, COLLEGE HOUSING, FACILITY GUIDELINES, MASTER PLANS, SCHEDULING, SPACE CLASSIFICATION

THE FOURTH OF A FIVE-VOLUME SERIES CONCERNED WITH HIGHER EDUCATIONAL PLANNING PROVIDES TECHNIQUES FOR THE ESTIMATION OF AN INSTITUTIONS FACILITY REQUIREMENTS. THE FACILITIES ARE DISCUSSED WITHIN THE FRAMEWORK OF TWO BROAD CATEGORIES--(1)ACADEMIC PROGRAM FACILITIES, AND (2)RESIDENTIAL HOUSING FACILITIES. THE ACADEMIC PROGRAM FACILITIES PROVIDE FOR CLASSROOMS, LABORATORIES, OFFICES, RECREATIONAL FACILITIES, AND OTHER ASSOCIATED SPACE AS REQUIRED TO CONDUCT THE PROGRAM OF A UNIVERSITY. THE RESIDENTIAL HOUSING FACILITIES PROVIDE FOR STUDENT HOUSING AND IN SOME CASES FACULTY AND STAFF HOUSING. PLANNING FOR THE ACADEMIC FACILITIES REQUIRES AN INVENTORY OF EXISTING FACILITIES INCLUDING A QUALITY ANALYSIS, FACILITY UTILIZATION RESEARCH, AND ESTIMATIONS OF SPACE REQUIREMENTS FOR BOTH TEACHING AND NON-TEACHING FACILITIES. THE ASPECTS OF AN AUTOMATED SYSTEM OF MASTER SCHEDULE CONSTRUCTION AND STUDENT SECTIONING ARE BRIEFLY PRESENTED. RESIDENTIAL FACILITIES PLANNING IS BASED ON A THOROUGH ANALYSIS OF THE STUDENT BODY BASED ON MARITAL STATUS, NUMBER OF DEPENDENTS, SEX, AND COLLEGE YEAR. NUMEROUS FORMULAS AND SPECIFIC NUMERICAL VALUES ARE SUPPLIED AS PART OF THE RECOMMENDED TECHNIQUES INVOLVED IN ESTIMATION. AN APPENDIX INCLUDES QUALITY ANALYSIS WORKSHEETS AND HOUSING GUIDELINES. (NI)//

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INSTRUCTIONS TO ACADEMIC AND PLANNING COMMITTEES WHO ARE CHARGED WITH THE RESPONSIBILITY OF PREPARING BUILDING PROGRAM REQUIREMENTS FOR CAPITAL IMPROVEMENT PROJECTS. REV. JULY 1968

BRIGHAM YOUNG UNIVERSITY, PROVO, UTAH, DEPT OF PHYSICAL PLANT

PUBLISHED-APR59

AVAILABLE FROM- BRIGHAM YOUNG UNIVERSITY, PROVO, UTAH, DEPT OF PHYSICAL PLANT

021 PAGES

DESCRIPTORS- *BUILDING DESIGN, *CAMPUS PLANNING, *CONSTRUCTION PROGRAMS, *EDUCATIONAL SPECIFICATIONS, *FACILITY GUIDELINES, COLLEGE BUILDINGS, COMMITTEES, FACILITY EXPANSION, FACILITY REQUIREMENTS, HIGHER EDUCATION, STANDARDS

AN OUTLINE TO GUIDE BRIGHAM YOUNG UNIVERSITY ACADEMIC COMMITTEES IN THE PROCESS OF COMPILING PROGRAM REQUIREMENTS FOR A PROPOSED BUILDING OR FACILITY, IN WHICH EACH AREA IS DEFINED AS TO APPROXIMATE SIZE, FUNCTION, FURNITURE, ETC. AN OUTLINE OF MATERIAL TO BE PREPARED BY THE BRIGHAM YOUNG UNIVERSITY IS INCLUDED TO PROVIDE COMMITTEES WITH AN OVER-ALL PICTURE OF A PROGRAM REQUIREMENT. TYPICAL PAGES FROM ACTUAL PROGRAM REQUIREMENTS ARE LIKEWISE INCLUDED. BUILDING STANDARDS ARE CONTAINED IN THE INSTRUCTIONS TO GUIDE THE COMMITTEES IN DETERMINING OFFICE SIZES, STUDENT SPACES, AND ILLUMINATION. (FS)

Availability:

Department of Physical Plant
Brigham Young University
Provo, Utah 84601

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1969-71 COORDINATING COUNCIL FOR HIGHER EDUCATION BUILDING PRIORITIES. UNIVERSITY OF WISCONSIN AND WISCONSIN STATE UNIVERSITIES SYSTEMS

WISCONSIN COORDINATING COUNCIL FOR HIGHER EDUCATION, MADISON

PUBLISHED-DEC68

121 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *HIGHER EDUCATION, *FACILITY GUIDELINES, *FACILITY SPECIFICATIONS, *INTERIOR SPACE, APPENDICES, BUDGETS, ENROLLMENT PROJECTIONS, RESEARCH METHODOLOGY, STATE SURVEYS, STATE UNIVERSITIES

AN INTEGRATED BUILDING PRIORITY LIST FOR TWO PUBLIC HIGHER EDUCATION SYSTEMS IN WISCONSIN PREPARED IN SATISFACTION OF REQUIREMENTS OF STATE STATUTES FOR THE BIENNIUM 1969-1971. APPENDICES PRESENT GUIDELINES, SPECIFICATIONS, AND METHODOLOGY FOR COMPUTING SPACE NEEDS. THERE ARE ALSO ENROLLMENT PROJECTIONS FOR THE TWO SYSTEMS. (FP0)//

Availability:

Wisconsin Coordinating Council for
Higher Education
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Madison, Wisconsin 53705

USES OF THE COMPUTER FOR FACILITY AND SPACE REQUIREMENTS

ERIC/CEF DOCUMENT NO. EF000024 DISPOSITION-UFRC 2

A METHODOLOGY FOR DETERMINING FUTURE PHYSICAL FACILITIES REQUIREMENTS FOR INSTITUTIONS OF HIGHER EDUCATION

BY- YURKOVICH, JOHN V.
WISCONSIN UNIVERSITY, MADISON

PUBLISHED- 66

194 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *COMPUTER ORIENTED PROGRAMS, *FACILITY GUIDELINES, *FACILITY INVENTORY, *FACILITY UTILIZATION, CLASSIFICATION, DATA COLLECTION, ENROLLMENT PROJECTIONS, METHODOLOGY, SYSTEMS DEVELOPMENT

A COMPUTERIZED METHODOLOGY FOR THE PROJECTION OF PHYSICAL FACILITY NEEDS FOR INSTITUTIONS OF HIGHER EDUCATION WAS DEVELOPED IN A CASE STUDY AT THE UNIVERSITY OF WISCONSIN, MADISON. THE RESEARCH INCLUDED THE DEVELOPMENT, IMPLEMENTATION AND TESTING OF SYSTEMS FOR--(1) SPACE CLASSIFICATION, (2) PERPETUAL SPACE INVENTORY, (3) UTILIZATION OF INSTRUCTIONAL FACILITIES, (4) PROJECTION OF STUDENT ENROLLMENT, (5) PROJECTION OF NECESSARY STAFF, AND (6) INTEGRATION OF STRUCTURED INPUT DATA FOR PROJECTION OF PHYSICAL FACILITIES REQUIREMENTS. THE APPENDICES CONTAIN SAMPLE CODE LISTS, DATA COLLECTION FORMS, REPORT FORMATS, DETAILED GUIDES, AND FLOWCHARTS OF THE PROCEDURES AND THE COMPUTER PROGRAMS DEVELOPED FOR THE METHODOLOGY. (JP)

Availability:

John V. Yurkovich, Acting Director
University Facilities Research Center
1554 Van Hise Hall
Madison, Wisconsin 53706

ERIC/CEF DOCUMENT NO. EF001384 ED 19820 DISPOSITION-EDC- 1

THE COMPUTER AS A MANAGEMENT TOOL - PHYSICAL FACILITIES INVENTORIES, UTILIZATON, AND PROJECTIONS (APRIL 25-27, 1966, 11TH ANNUAL MACHINE RECORDS CONFERENCE PROCEEDINGS)

BY- WITMER, DAVID R.
TENNESSEE UNIVERSITY, KNOXVILLE

PUBLISHED-APR66

29 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *COMPUTERS, *ENROLLMENT PROJECTIONS, *FACILITY INVENTORY, *SPACE UTILIZATION, CLASSROOMS, DECISION MAKING, GROWTH PATTERNS, MANAGEMENT, PHYSICAL FACILITIES, RESOURCE ALLOCATIONS

WISCONSIN STATE UNIVERSITIES HAVE BEEN USING THE COMPUTER AS A MANAGEMENT TOOL TO STUDY PHYSICAL FACILITIES INVENTORIES, SPACE UTILIZATION, AND ENROLLMENT AND PLANT PROJECTIONS. EXAMPLES ARE SHOWN GRAPHICALLY AND DESCRIBED FOR DIFFERENT TYPES OF ANALYSIS, SHOWING THE CARD FORMAT, CODING SYSTEMS, AND PRINTOUT. EQUATIONS ARE PROVIDED FOR DETERMINING STANDARD AND POTENTIAL UTILIZATION, AND CLASS ENROLLMENT PROJECTIONS. IMPLICATIONS ARE NOTED FOR THE USE OF COMPUTERS IN THE PLANNING PROCESS AND FOR THE TECHNIQUES BEING USED. ADDITIONAL PROBLEMS DISCUSSED INCLUDE COMPUTER APPLICATIONS IN SPACE CONVERSION, LABORATORY AND LIBRARY PLANNING, OFFICE SPACE, AND DEPARTMENTAL ORGANIZATION. (MM)////

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A WHAT IF APPROACH TO ACADEMIC FACILITIES UTILIZATION, PROCEEDINGS OF STATEWIDE HIGHER EDUCATION CONFERENCE, ACADEMIC PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES (PIGEON LAKE FIELD STATION, DRUMMOND, WIS., JUNE 3-6, 1968)

BY- ANSFIELD, PAUL J

PUBLISHED-JUN68
IN- SPEECH PRESENTED AT STATEWIDE HIGHER EDUCATION CONFERENCE, ACADEMIC PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES (PIGEON LAKE FIELD STATION, DRUMMOND, WIS., JUNE 3-6, 1968)

005 PAGES

DESCRIPTORS- *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *PROGRAMING, *SCHEDULING, *SPACE UTILIZATION, COLLEGE PLANNING, COMPUTER SCIENCE, INFORMATION PROCESSING, SCHOOL SCHEDULES, SIMULATION

CONSIDERATION IS GIVEN TO A COMPUTER TECHNOLOGY APPROACH FOR STUDYING AND DEVELOPING THE BEST UTILIZATION PATTERN FOR ANY COMPLEX OF ACADEMIC FACILITIES. THE APPROACH BASICALLY INVOLVES SIMULATING A VARIETY OF POSSIBLE CLASS SCHEDULES AND THEN DECISIVELY IMPLEMENTING THE ONE SCHEDULE THAT BEST APPROXIMATES THE EXISTING STANDARD FOR UTILIZATION AND THAT BEST SUPPORTS THE INSTITUTIONS ACADEMIC PROGRAM. USE OF COMPUTER SIMULATION METHODOLOGY ALLOWS FOR MANIPULATION OF A NUMBER OF FACTORS WITH RAPIDITY AND EASE. THEREFORE, ONE MAY MANEUVER DETAILED INVENTORY DATA IN ORDER TO FORECAST A VARIETY OF HEURISTIC ALTERNATIVE SETS OF ROOM ASSIGNMENTS FOR ACHIEVING OPTIMAL UTILIZATION OF EXISTING FACILITIES. (FS)

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FACILITIES INVENTORY PROCEDURES

ERIC/CEF DOCUMENT NO. EF001319 ED 16372 DISPOSITION-UFRC 1

FACILITIES INVENTORY MANUAL FOR THE UNITS OF HIGHER EDUCATION IN MONTANA

BY- NELSON, EDWARD W.
MONTANA COMMISSION FOR HIGHER EDUCATION FACILITIES, HELENA

PUBLISHED- 67

076 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *DATA COLLECTION, *FACILITY INVENTORY, *METHODOLOGY, CLASSIFICATION, COLLEGE BUILDINGS, DATA SHEETS, FACILITY EXPANSION, FINANCIAL SUPPORT

THIS MANUAL WAS PREPARED TO ASSIST AND GUIDE THOSE PERSONS RESPONSIBLE FOR MAINTAINING AN INVENTORY OF PHYSICAL FACILITIES AT THE PUBLIC AND PRIVATE UNITS OF HIGHER EDUCATION IN MONTANA. THE PHYSICAL FACILITIES INVENTORY DATA WILL BE USEFUL IN THE FOLLOWING AREAS--(1) TO PROVIDE A CONTINUING, ACCURATE RECORD FOR EACH BUILDING, (2) TO PROVIDE A BASIS FOR APPRAISAL OF EXISTING BUILDINGS AND TO DETERMINE FEASIBILITY OF RENOVATION, EXPANSION OR ABANDONMENT, (3) TO PROVIDE A BASE FROM WHICH TO DEVELOP A LONG RANGE BUILDING PROGRAM AND THE PLANNINGOF SPECIFIC PROJECTS, (4) TO PROVIDE JUSTIFICATION FOR REQUESTS FOR CAPITAL OUTLAY APPROPRIATIONS OR FUND RAISING, AND (5) TO PROVIDE DATA FOR SCHEDULING, INFORMATION FOR PUBLICATIONS AND REPORTS, ADMINISTRATION USE, UTILIZATION STUDIES, AND COMPARISONS WITH SIMILAR INSTITUTIONS. GUIDELINES ARE GIVEN FOR DATA COLLECTION PROCEDURES, DATA SHEET FORMATS, BUILDING INVENTORIES, BUILDING NUMBER CODES, FUNDS SCHEDULES, AND ROOM INVENTORIES. APPENDICES ARE INCLUDED ON PROCEDURES FOR ROOM CLASSIFICATIONS AND TABLES OF ORGANIZATIONAL UNITS FOR HIGHER EDUCATIONAL INSTITUTIONS. (BH)

Order from EDRS as: ED 16372

MF $0.50 HC $3.90

ERIC/CEF DOCUMENT NO. EF0013o3 DISPOSITION-UFRC 2

PROCEDURE FOR INVENTORY OF PHYSICAL FACILITIES AT UNIVERSITY OF ILLINOIS

ILLINOIS UNIVERSITY, URBANA, CENTRAL OFFICE ON THE USE OF SPACE

PUBLISHED-JUL66

125 PAGES

DESCRIPTORS- *COMPUTER ORIENTED PROGRAMS, *DATA COLLECTION, *FACILITY INVENTORY, *METHODOLOGY, CAMPUS PLANNING, CLASSROOMS, COLLEGE BUILDINGS, EDUCATIONAL SPECIFICATIONS, FACILITIES UTILIZATION RESEARCH

THE PURPOSE OF THIS MANUAL IS TO OUTLINE THE NECESSARY ITEMS REQUIRED IN AN INVENTORY OF PHYSICAL FACILITIES AND THE PROCEDURE USED AT THE UNIVERSITY OF ILLINOIS FOR GATHERING INFORMATION AND THE ASSEMBLING OF DATA THAT CAN BE USED IN PREPARING REPORTS ON PHYSICAL FACILITIES TO UNITS WITHIN THE UNIVERSITY, TO STATE AGENCIES AND TO FEDERAL AGENCIES. THE ELEMENTS OF THE PHYSICAL FACILITIES INVENTORY ARE CATEGORIZED--(1) DESIGNATION (ROOM, BUILDING), (2) ASSIGNMENT (UNIT OR DEPARTMENT RESPONSIBLE FOR SPACE), (3) AREA MEASUREMENT (GROSS SQUARE FEET, NET ASSIGNABLE SQUARE FEET, ETC.), (4) CLASSIFICATION-USAGE AND DESCRIPTION (OFFICE, CLASSROOM, STORAGE, ETC.), (5) FILE MAINTENANCE PROCEDURE AND DIVISION ASSIGNED TO FUNCTION. DATA WAS COLLECTED FOR PARTICULAR SPACES RELATIVE TO THESE ELEMENTS AND THE PARTY RESPONSIBILITY FOR THE SPACE (CENTRAL OFFICE, DEPARTMENT OF PHYSICS, ETC.). THE DATA WAS COMPILED AND ANALYSED BY COMPUTER. THE APPENDIXES INCLUDE A DETAILED BREAKDOWN OF PARTICULAR SPACES WITH COMPUTER CODED NUMBERS AND A SAMPLE OF THE COMPUTER OUTPUT INVENTORY. (HH)

Availability:

Central Office on the Use of Space
University of Illinois
Urbana, Illinois 61801

ERIC/CEF DOCUMENT NO. EF001418 ED 21404 DISPOSITION-EDC- 1

SURVEY METHOD FOR HIGHER EDUCATION FACILITIES IN TEXAS COLLEGES AND UNIVERSITIES

BY- COLVERT, C. C.
TEXAS UNIVERSITY, AUSTIN. OFFICE OF EDUCATIONAL FACILITIES RESEARCH

PUBLISHED-MAR67

124 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *SCHOOL SURVEYS, *STANDARDS, CLASSIFICATION, CLASSROOMS, COLLEGE BUILDINGS, COLLEGE HOUSING, RECORDS (FORMS), SCHOOL SPACE, SPACE UTILIZATION

PROCEDURES HAVE BEEN DEVELOPED FOR COMPLETING SURVEY FORMS TO COLLECT DATA ESSENTIAL IN INVENTORYING SPACE AND MEASURING THE UTILIZATION OF DIFFERENT TYPES OF SPACE AMONG INSTITUTIONS OF HIGHER EDUCATION. FORMS AND SURVEY METHODS ARE INCLUDED FOR (1)BUILDING ANALYSIS, (2)ROOM ANALYSIS, AND (4)SPACE UTILIZATION STUDY. METHODS DISCUSSED ARE SCOPE OF INFORMATION, DATA COMPILATION AND DATA RECORDING. APPENDIXES INCLUDE CODING SYSTEMS, DETERMINATION OF SPACE ADEQUACY AND UPDATING PROCEDURES.(MM)

Order from EDRS as: ED 21404

MF $0.50 HC $6.30

ERIC/CEF DOCUMENT NO. EF001420 ED 17156 DISPOSITION-UFRC 1

HIGHER EDUCATION FACILITIES INVENTORY MANUAL

WASHINGTON HIGHER EDUCATION FACILITIES COMMISSION, OLYMPIA

PUBLISHED-JUL67

096 PAGES

DESCRIPTORS- *COMPUTER ORIENTED PROGRAMS, *DATA COLLECTION, *FACILITY INVENTORY, *METHODOLOGY, *SPACE UTILIZATION, CLASSROOMS, COLLEGE BUILDINGS, DATA PROCESSING, EDUCATIONAL SPECIFICATIONS, FACILITY UTILIZATION RESEARCH

THIS MANUAL SETS FORTH PROCEDURES FOR COMPLETING SURVEY FORMS TO COLLECT DATA NECESSARY FOR AN INVENTORY OF SPACE THAT CONFORMS TO THE REQUIREMENTS OF EACH INSTITUTION. THE AREAS DISCUSSED ARE GENERAL SUGGESTIONS ON HOW TO MAKE A SURVEY, BUILDING INVENTORY PROCEDURES, ROOM INVENTORY PROCEDURES, AND UPDATE PROCEDURES. THE APPENDICES DISCUSS ROOM TYPES, ORGANIZATIONAL UNIT, SUBJECT FIELD, ROOM FUNCTION, AND BUILDING AREAS. EXAMPLES OF DATA COLLECTING SHEETS ARE ALSO INCLUDED. (HH)

Order from EDRS as: ED 17156

MF $0.50 HC $4.90

ERIC/CEF DOCUMENT NO. EF001568 ED 22329 DISPOSITION-UFRC 1

PHYSICAL FACILITIES INVENTORY BY BUILDING AND ROOM. INSTRUCTION MANUAL. 2ND ED.

PENNSYLVANIA STATE DEPARTMENT OF PUBLIC INSTRUCTION, HARRISBURG

PUBLISHED-JAN68

125 PAGES

DESCRIPTORS- *EDUCATIONAL SPECIFICATIONS, *FACILITY INVENTORY, *HIGHER EDUCATION, *MANUALS, *METHODS, ADMINISTRATIVE PERSONNEL, BUILDINGS, CLASSIFICATION, CLASSROOMS, CODIFICATION, COLLEGE PLANNING, DATA ANALYSIS, DATA COLLECTION, DATA SHEETS, MASTER PLANS, PUBLIC FACILITIES, STANDARDS

TO PROVIDE A BASIS ON WHICH TO DETERMINE SPACE REQUIRED IN THE PUBLIC HIGHER EDUCATION INSTITUTIONS OF PENNSYLVANIA, THE STATE COMMISSION ON ACADEMIC FACILITIES DEVELOPED AN INSTRUCTION MANUAL FOR A METHOD OF INVENTORYING PHYSICAL FACILITIES BY BUILDING AND ROOM. THE BUILDING INVENTORY AND THE ROOM INVENTORY ARE PRESENTED AS SEPARATE SECTIONS, EACH SECTION PROVIDING THE NECESSARY PROCEDURES TO BE FOLLOWED AND THE DATA FORMS TO BE USED. GENERAL INFORMATION IS PROVIDED ON THE SCOPE OF THE INVENTORY, THE BUILDING IDENTIFICATION CODING, AN INVENTORY OF RESIDENTIAL FACILITIES AND THE STAFF REQUIRED FOR AN INVENTORY STUDY. APPENDICES PROVIDE NECESSARY DATA FOR COMPLETING THE FORMS AND INCLUDE SUCH ITEMS AS BUILDING CATEGORIES AND CODES, CONSTRUCTION CODES, BUILDING CONDITION CODES, DETERMINING THE GROSS BUILDING AREA, OWNERSHIP CODES, ROOM FUNCTION CODES AND DEFINITIONS, ROOM TYPE CODES, AND OTHER INFORMATION RELATED TO BUILDING AND ROOM CLASSIFICATIONS. (BH)

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MF $0.50 HC $6.35

ERIC/CEF DOCUMENT NO. EF002140 DISPOSITION-UFRC 2

COLLEGE AND UNIVERSITY FACILITIES SURVEY PART 3 INVENTORY OF COLLEGE AND UNIVERSITY PHYSICAL FACILITIES, FINAL REPORT

BY- HIGGINS, E. EUGENE AND FULLER, MARY B.
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C.

PUBLISHED- 65

557 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *SPACE UTILIZATION, CLASSROOMS, COLLEGE HOUSING, COLLEGE LIBRARIES, INVESTMENT, LABORATORIES

THIS REPORT IS THE THIRD IN A FIVE PART SERIES OF STUDIES COMPRISING THE COLLEGE AND UNIVERSITY FACILITIES SURVEY. THIS PARTICULAR PART IS CONCERNED WITH THE ESTABLISHMENT OF A PERPETUAL INVENTORY OF HIGHER EDUCATION BUILDINGS AND COVERS EXISTING FACILITIES TO THE END OF 1957. DATA PRESENTED INCLUDES--DATES OF INITIAL OCCUPANCY AND REHABILITATION, PLANT FUND INVESTMENT, TYPE OF CONSTRUCTION, CONDITION, ESTIMATED VALUE, ASSIGNABLE AREA AND CAPACITY OF SPACES BY FUNCTION, AND GROSS AREA. SPECIAL ATTENTION IS GIVEN TO THOSE FACILITIES WHOSE TYPE OF CONSTRUCTION, DATE OF INITIAL OCCUPANCY, AND CONDITION SUGGEST THAT THEY ARE PROBABLY SURPLUS GOVERNMENT BUILDINGS, ACQUIRED SUBSEQUENT TO WORLD WAR II. FACILITIES THAT ARE SHARED WITH INSTITUTIONS OF LESS THAN COLLEGE GRADE ARE ALSO SINGLED OUT FOR SPECIAL ANALYSES. (NI)

Availability:

Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402 $3.50

ERIC/CEF DOCUMENT NO. EF002824 DISPOSITION-UFRC 2

DATA COLLECTION, INPUT AND OUTPUT. FACILITY AREA PROCEEDINGS OF STATEWIDE HIGHER EDUCATION CONFERENCE, ACADEMIC PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES (PIGEON LAKE FIELD STATION,DRUMMOND, WIS., JUNE 3-6, 1968)

BY- SPECHT, R.E.

PUBLISHED-JUN68
IN- SPEECH PRESENTED TO STATEWIDE HIGHER EDUCATION CONFERENCE, ACADEMIC PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES (PIGEON LAKE FIELD STATION, DRUMMOND, WIS., JUNE 3-6, 1968)

OC5 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FACILITY INVENTORY, *FACILITY REQUIREMENTS, *HIGHER EDUCATION, *MASTER PLANS, COLLEGE PLANNING, EDUCATIONAL ENVIRONMENT, FACILITY EXPANSION, FACILITY UTILIZATION RESEARCH, SPACE UTILIZATION

CONCERNED WITH THE FACILITY PLANNERS ROLE IN PREPARING THE IMMEDIATE PHYSICAL ENVIRONMENT IN THE BEST WAY POSSIBLE SO THAT THE BEST LEARNING CAN TAKE PLACE WHEREVER THE STUDENT MAY BE. IN DISCUSSING MASTER PLANNING, EMPHASIS IS PLACED UPON ESTABLISHMENT OF A SOUND BASIC EDUCATIONAL PHILOSOPHY. COMMENTS ARE ALSO DIRECTED TO DATA COLLECTING ACTIVITIES INVOLVED IN THE DEVELOPMENT OF THE MASTER PLAN. TRANSLATION OF THE EDUCATIONAL PROGRAM OF THE INSTITUTION INTO PHYSICAL FACILITY REQUIREMENTS IS CITED AS AN IMPORTANT ASPECT OF INDIVIDUAL BUILDING PLANNING. TAKING INVENTORY OF PRESENT FACILITIES, ANALYZING UTILIZATION, AND PROJECTING FACILITY NEEDS ARE CONSIDERED INTEGRAL ACTIVITIES IN THIS PROCESS. (FS)

Availability:

Wisconsin Coordinating Council for
Higher Education
732 North Midvale Blvd.
Madison, Wisconsin 53705

RESEARCH SPACE REQUIREMENTS

ERIC/CEF DOCUMENT NO. EF000046 ED 13530 DISPOSITION-UFRC 1

UNIVERSITY RESEARCH BUILDINGS FOR SHORT-TERM GRANT PROGRAMS

UNIVERSITY FACILITIES RESEARCH CENTER, MADISON, WISCONSIN

PUBLISHED- 61

031 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *CONSTRUCTION COSTS, *GUIDELINES, *RESEARCH AND DEVELOPMENT CENTERS, *SCHOOL LOCATION, COLLEGE BUILDINGS, CONSTRUCTION NEEDS, PROGRAM ADMINISTRATION

GUIDELINES WERE ESTABLISHED TO ASSIST IN THE PLANNING AND DEVELOPMENT OF ADEQUATE FACILITIES FOR SHORT-TERM RESEARCH GRANT PROGRAMS. FUNCTIONAL CRITERIA WERE DEVELOPED FROM THE ANALYSES OF COST STUDIES AND A SURGE SPACE STUDY AT THE UNIVERSITY OF ILLINOIS. ALTERNATIVES WERE SUGGESTED FOR THE PROVISION, PHYSICAL CHARACTERISTICS, SITE LOCATION, BUILDING TYPE AND ADMINISTRATIVE CONTROL OF THE FACILITIES. IT WAS RECOMMENDED THAT FLEXIBILITY, ECONOMY AND EXPANDIBILITY BE INTEGRATED WITH OVERALL CAMPUS PLANNING IN THE SELECTION OF AN APPROPRIATE SOLUTION. THE APPENDIX INCLUDES SEVERAL ALTERNATIVE FLOOR PLANS AND A COST BREAKDOWN FOR THE SURGE UNIT AT THE UNIVERSITY OF ILLINOIS. (JP)

Order from EDRS as: ED 13530

MF $0.25 HC $1.65

ERIC/CEF DOCUMENT NO. EF001728 DISPOSITION-UFRC 1

DETERMINING RESEARCH SPACE NEEDS AND ESTABLISHING GUIDELINES

WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED-MAR66

REPORT/SERIES NO.- CCHE-20

003 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *GRADUATE STUDENTS, *HIGHER EDUCATION, *RESEARCH NEEDS, *SPACE UTILIZATION, EQUIPMENT STORAGE, GRADUATE STUDY, INTERIOR SPACE, FACILITY GUIDELINES, STUDENT NEEDS

THE PROJECTION OF SPACE NEEDS FOR RESEARCH IS A FUNCTION OF (1) GRADUATE STUDENT ENROLLMENT, (2) THE PARTICULAR ACADEMIC DISCIPLINE, AND (3) THE LEVEL OF RESEARCH ACTIVITY.IT IS PROPOSED THAT THE FULL TIME EQUIVALENT GRADUATE STUDENT POPULATION BE USED AS BEING REPRESENTATIVE OF THE OVERALL REQUIREMENTS. THERE ARE CENTAIN NOTABLE EXCEPTIONS, THE FIRST BEING PUBLIC SERVICE ORIENTED RESEARCH PROGRAMS WHICH DO NOT USUALLY ATTRACT OR SUPPORT GRADUATE STUDENTS. THE OTHER EXCEPTION IS IN DISCIPLINES WHICH REQUIRE SPECIALIZED EQUIPMENT TO BE HOUSED, SUCH AS A BIOTRON COMPLEX OR NUCLEAR ACCELERATOR. THESE EXCEPTIONS MUST BE CONSIDERED SEPARATELY. A LATER PAPER CCHE-60 UNDER EF001732 MAY BE REFERRED TO FOR THE PROJECTION PRODECURE ITSELF. (NI)

Availability:

Wisconsin Coordinating Council for
Higher Education
732 North Midvale Blvd.
Madison, Wisconsin 53705

ERIC/CEF DOCUMENT NO. EF001732 DISPOSITION-UFRC 1

RESEARCH SPACE GUIDELINES

WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED-JUN66

REPORT/SERIES NO.- CCHE-60

006 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *FACILITY GUIDELINES, *HIGHER EDUCATION, *RESEARCH NEEDS, *SPACE UTILIZATION, COLLEGE FACULTY, EQUIPMENT STORAGE, GRADUATE STUDENTS, RESEARCHERS

THE AMOUNT OF RESEARCH SPACE REQUIRED IN HIGHER EDUCATION IS DEPENDENT UPON TWO FACTORS. THE FIRST IS THE LEVEL OF ACTIVITY DEVOTED TO RESEARCH BY THOSE WHO PARTICIPATE. THE SECOND IS THE TYPE OF ACADEMIC PROGRAM INVOLVED I.E. HUMANITIES, SOCIAL SCIENCES, ENGINEERING, ETC. KNOWLEDGE OF THE NUMBERS OF FACULTY AS WELL AS THE NUMBER OF GRADUATE STUDENTS IS VITAL TO ACHIEVE MEANINGFUL SPACE PROJECTIONS. THE GUIDELINES SHOULD ALLOW SPACE BASED ON ESTABLISHED EDUCATIONAL EXPERIENCE WITHIN THE SEVERAL ACADEMIC DISCIPLINES. THERE ARE CERTAIN NOTABLE EXCEPTIONS, THESE ARE PUBLIC SERVICE ORIENTED PROGRAMS WHICH NORMALLY HAVE FEW ASSOCIATED GRADUATE STUDENTS AND PROGRAMS WHICH REQUIRE THE HOUSING OF SPECIALIZED EQUIPMENT SUCH AS A BIOTRON COMPLEX, OR POLLUTION RESEARCH FACILITY. THE PROCEDURE CALLS FOR THE WEIGHING OF PERSONNEL BASED UPON TIME SPENT IN RESEARCH AND THE WEIGHTING OF ACADEMIC DISCIPLINES BASED UPON PRIOR KNOWLEDGE OF SPACE NEEDS. THE TWO FACTORS ARE MULTIPLIED TO ARRIVE AT THE NUMBER OF NET ASSIGNABLE SQUARE FEET OF SPACE. (NI)

Availability:

Wisconsin Coordinating Council for
Higher Education
732 North Midvale Blvd.
Madison, Wisconsin 53705

ERIC/CEF DOCUMENT NO. EF003092 DISPOSITION-UFRC 1

RESEARCH SPACE FACTORS USED FOR PROJECTING THE 1969-71 NEEDS IN WISCONSIN PUBLIC HIGHER EDUCATION FACILITIES

WISCONSIN COORDINATING COUNCIL FOR HIGHER EDUCATION, MADISON

PUBLISHED-JUL68

006 PAGES

DESCRIPTORS- *FACILITY GUIDELINES, *FACILITY REQUIREMENTS, *FACILITY UTILIZATION RESEARCH, *RESEARCH NEEDS, *SPACE UTILIZATION, COLLEGE PLANNING, EDUCATIONAL RESEARCH, HIGHER EDUCATION, INSTITUTIONAL RESEARCH, SCIENTIFIC RESEARCH

THE DEMAND UNIT APPROACH TO DETERMINING RESEARCH SPACE NEEDS IS PROPOSED AS A METHOD FOR PROJECTION OF SPACE REQUIRED FOR RESEARCH IN WISCONSIN PUBLIC HIGHER EDUCATION FACILITIES. DISCUSSION IS DIRECTED TO THE TWO FACTORS UTILIZED IN IMPLEMENTATION OF THIS APPROACH, NAMELY, (1)THE VARYING LEVEL OF ACTIVITY DEVOTED TO RESEARCH BY PARTICIPATING PERSONNEL, AND (2)THE VARYING AMOUNTS OF SPACE REQUIRED FOR DIFFERENT TYPES OF ACADEMIC PROGRAMS. IT IS NOTED THAT THIS APPROACH CAN SERVE TO DETERMINE THE SPACE NEEDED FOR MOST RESEARCH ACTIVITIES. HOWEVER, THERE ARE CERTAIN SPECIAL RESEARCH PROGRAMS WHICH MUST BE TREATED SEPARATELY ON A CASE-BY-CASE BASIS. (FS)//

Order from EDRS as: ED 28623

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CASE DESCRIPTIONS OF FACILITY AND SPACE UTILIZATION STUDIES

ERIC/CEF DOCUMENT NO. EF000015 ED 13526 DISPOSITION-UFRC 1

PHYSICAL FACILITIES FOR HIGHER EDUCATION IN OKLAHOMA

BY- WALKER, CHARLES R. AND COFFELT, JOHN J.
OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION, OKLAHOMA CITY

PUBLISHED- 64
IN- SELF-STUDY OF HIGHER EDUCATION IN OKLAHOMA - REPORT 5

137 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *EDUCATIONAL NEEDS, *FACILITY INVENTORY, *FACILITY UTILIZATION, *FACILITY GUIDELINES, COLLEGE BUILDINGS, EDUCATIONAL FACILITIES, EDUCATIONAL SPECIFICATIONS, STATE AID

THE REPORT IS A SELF-STUDY OF THE PHYSICAL FACILITIES OF 21 INSTITUTIONS OF HIGHER EDUCATION IN OKLAHOMA. IT INVOLVED THE STUDY OF SUCH TOPICS AS--(1) THE INVENTORY AND EVALUATION OF EXISTING LAND AND BUILDINGS ACCORDING TO CURRENT AND REPLACEMENT VALUE, AGE, QUALITY AND FUTURE USE, (2) THE INVENTORY OF ASSIGNABLE SPACE BY SQUARE FOOTAGE, DISTRIBUTION AND NUMBER OF ROOMS WITHIN ROOM TYPE AND FUNCTION, (3) THE UTILIZATION OF CLASSROOMS AND LABORATORIES BY DAY OF WEEK, HOUR OF DAY, ROOM CAPACITY AND ASSIGNMENT, AND (4) THE PROJECTION OF SPACE NEEDS AND ESTIMATED PHYSICAL PLANT COSTS. DATA WERE COLLECTED BY THE PARTICIPATING INSTITUTIONS AND EVALUATIONS WERE MADE BY A VISITATION TEAM OF RESEARCH STAFF. FORMS USED IN THE STUDY ARE INCLUDED. A NUMBER OF SPECIFIC RECOMMENDATIONS WERE PRESENTED, THE THRUST OF WHICH WAS THAT THE STATE OFFICIALS AND COLLEGE OFFICIALS SHOULD COOPERATE IN THE MAINTENANCE AND IMPROVEMENT OF PRESENT FACILITIES AND LONG-RANGE PLANNING OF NEEDED EDUCATIONAL FACILITIES. (HH)

Order from EDRS as: ED 13526

MF $0.75 HC $6.95

ERIC/CEF DOCUMENT NO. EF000028 DISPOSITION-UFRC 2

PHYSICAL PLANT INVENTORY AND UTILIZATION STUDY

EASTERN WASHINGTON STATE COLLEGE, CHENEY

PUBLISHED- 63

079 PAGES

DESCRIPTORS- *SPACE CLASSIFICATION, *COLLEGE PLANNING, *FACILITY INVENTORY, *STUDENT ENROLLMENT, *SPACE UTILIZATION, EDUCATIONAL SPECIFICATIONS, SPATIAL RELATIONSHIP

THE PURPOSE OF THE REPORT IS TO INCREASE THE EFFICIENCY OF USE OF EXISTING SPACE AND MAKE ROOM FOR MORE STUDENTS AT EASTERN WASHINGTON STATE COLLEGE. THE METHOD AND NORMS USED ARE THOSE OUTLINED BY THE RUSSELL-DOI AND EFL STUDY OF 60 COLLEGES. RECOMMENDATIONS INCLUDE SUGGESTIONS AS TO REVISING AND UPDATING OF THE TIME SCHEDULE AND CURRICULUM. (HH)

Availability:

Eastern Washington State College
Cheney, Washington 99004

ERIC/CEF DOCUMENT NO. EF000030 ED 14844 DISPOSITION-UFRC 1

EFFICIENT OPERATION AND ECONOMICAL EXPANSION OF UNDERGRADUATE TEACHING FACILITIES OF URBAN UNIVERSITIES

BY- WOOD, FREDERIC C.
DREXEL INSTITUTE OF TECHNOLOGY, PHILADELPHIA, PENNSYLVANIA

PUBLISHED- 60

026 PAGES

DESCRIPTORS- *CASE STUDIES (EDUCATION) , *COLLEGE PLANNING, *FACILITY REQUIREMENTS, *FEASIBILITY STUDIES, *URBAN UNIVERSITIES, BUILDING CONVERSION, BUILDING DESIGN, CONSTRUCTION NEEDS, FACILITY EXPANSION, FACILITY UTILIZATION RESEARCH , MASTER PLANS, PARKING AREAS

INFORMATION CONCERNING EFFICIENT PLANT OPERATION AND ECONOMIC FACILITY EXPANSION TO BEST ACCOMMODATE INCREASED STUDENT ENROLLMENTS AT URBAN COLLEGES AND UNIVERSITIES WAS GENERATED FROM A CASE STUDY OF THE DREXEL INSTITUTE OF TECHNOLOGY. GENERAL AREAS INVESTIGATED WERE--(1) SPACE REQUIREMENTS WHICH WILL MEET ANTICIPATED INCREASES IN ENROLLMENT, (2) SPACE ARRANGEMENT FOR INTENSIVE AND EFFICIENT UTILIZATION OF THE PHYSICAL PLANT, (3) USE OF MULTI-STORY BUILDINGS TO COMPENSATE FOR HIGH LAND COSTS, (4) ECONOMICS OF BUILDING UNITS WHICH CAN LATER BE EXPANDED VERTICALLY, (5) POSSIBLE CONVERSION OF ADJACENT BUILDINGS, (6) PHASING OF FINANCING AND CONSTRUCTION WITH REGARD TO INFLATION, AND (7) PROVISION FOR SATISFACTORY PARKING. A METHODOLOGY FOR DETERMINING FUTURE SPACE REQUIREMENTS WAS DEVELOPED AND USED IN CONJUNCTION WITH SEVERAL PLANNING AND FEASIBILITY STUDIES TO DEVELOP SPECIFIC RECOMMENDATIONS FOR DREXEL INSTITUTE. INCLUDED ARE TABLES ON ALTERNATIVES FOR NEW BUILDING DEVELOPMENT, AND AN EXHIBIT OF THE FORMS AND INSTRUCTIONS FOR THE FACILITIES REQUIREMENTS METHODOLOGY. (BH)

Order from EDRS as: ED 14844

MF $0.25 HC $1.40

ERIC/CEF DOCUMENT NO. EF001270 ED 16368 DISPOSITION-UFRC 1

ESTIMATED SPACE REQUIREMENTS FOR FT. WAYNE FACILITY TO BE JOINTLY OCCUPIED BY INDIANA UNIVERSITY AND PURDUE UNIVERSITY

BY- COLLINS, RALPH L. AND LAWSHE, C. H.
JOINT PLANNING COMMITTEE OF INDIANA UNIVERSITY AND PURDUE UNIVERSITY, BLOOMINGTON, INDIANA

PUBLISHED-JUN60

037 PAGES

DESCRIPTORS- *CLASSIFICATION, *COLLEGE PLANNING, *EDUCATIONAL SPECIFICATIONS

THIS REPORT PRESENTS THE RESULTS OF THE JOINT PLANNING COMMITTEE OF INDIANA UNIVERSITY AND PURDUE UNIVERSITY IN TERMS OF THE AMOUNT AND TYPE OF SPACE THAT WILL BE REQUIRED BY 1965 AND BY 1972 IN A FACILITY TO BE JOINTLY OCCUPIED BY THE TWO UNIVERSITIES AT FORT WAYNE. IN GENERAL, A SIX-STEP PROCEDURE WAS FOLLOWED--(1) EACH INSTITUTION, INDEPENDENTLY PROJECTED ITS OWN EDUCATIONAL PROGRAM BASED UPON SUCH ASSUMPTIONS AS WERE CONSISTENT WITH ITS PURPOSES AND ITS METHODS OF OPERATION. (2) THIRTY-SIX DIFFERENT SPACE CATEGORIES WERE ESTABLISHED AND AGREEMENTS WERE REACHED AS TO UNIT SIZE, IN SQUARE FEET, FOR EACH CATEGORY. (3) EACH INSTITUTION THEN TRANSLATED ITS REQUIREMENTS INTO 'PART' UNITS. (4) THESE 'PART' UNITS FOR THE TWO INSTITUTIONS WERE THEN ADDED FOR EACH SPACE CATEGORY IN ORDER TO ARRIVE AT COMBINED REQUIREMENTS. (5) EACH INSTITUTION DEVELOPED ITS OWN REQUIREMENTS FOR NON-INSTRUCTIONAL SPACE, INCLUDING SUCH ITEMS AS ADMINISTRATIVE SPACE AND INSTRUCTORS' OFFICES. (6) MEMBERS OF THE COMMITTEE DEVELOPED THE REQUIREMENTS FOR JOINT FACILITY SPACE, INCLUDING LIBRARY, AND FOOD FACILITY. THE RESULTS OF THE FINDINGS AND PROJECTIONS ARE SUMMARIZED IN THE TABLES AND APPENDIX. (BH)

Order from EDRS as: ED 16368

MF $0.25 HC $1.95

ERIC/CEF DOCUMENT NO. EF000052 DISPOSITION-UFRC 2

A STUDY OF THE UTILIZATION OF INSTRUCTIONAL SPACE AT VALPARAISO UNIVERSITY, FALL SEMESTER 1957-1958

BY- THUNE, PAUL E.
VALPARAISO UNIVERSITY, VALPARAISO, INDIANA

PUBLISHED- 59

085 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *COMPARATIVE STATISTICS, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *SPACE UTILIZATION, CLASSROOM SPACE, CLAASS SIZE, HIGHER EDUCATION, INSTITUTIONAL RESEARCH, TABLES(DATA)

A COLLECTION OF DATA ALONG WITH SOME COMMENTARY CONCERNING THE UTILIZATION OF INSTRUCTIONAL SPACE AT VALPARAISO UNIVERSITY. THIRTY-EIGHT TABLES SUMMARIZE DATA IN ACCORDANCE WITH SUCH FACTORS AS--TYPE OF ROOM, DAYS AND/OR HOURS USED, STUDENT CAPACITY, FLOOR SPACE, AND COMPARISONS WITH OTHER INSTITUTIONS. (NI)

Availability:

Valparaiso University
Valaparaiso, Indiana

ERIC/CEF DOCUMENT NO. EF001291 DISPOSITION-UFRC 2

EDUCATIONAL FACILITY NEEDS (THE NEXT TEN YEARS)

MARYLAND UNIVERSITY, COLLEGE PARK

PUBLISHED-JUL62

399 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *EDUCATIONAL OBJECTIVES, *ENROLLMENT PROJECTIONS, *FACILITY UTILIZATION RESEARCH , *MASTER PLANS, FACILITY INVENTORY, LAND USE, LIBRARIES, STUDENT PERSONNEL SERVICES, FACILITY GUIDELINES

THE REPORT DESCRIBES THE PLANNING FOR THE UNIVERSITY OF MARYLAND FACILITIES AT THE COLLEGE PARK AND BALTIMORE CAMPUSES. DATA WAS FROM THE FACULTY OF EACH DEPARTMENT. THIS COMPILATION WAS BASED ON SMALLER STUDIES OF FACILITIES, USE OF SPACE, ENROLLMENT FACTOR, PROJECTION GUIDES, CLASSROOMS, AUXILIARY FACILITIES, AND DEPARTMENT NEEDS. AREAS DESCRIBED ARE (1) PRESENT LAND AND FACILITIES WITH TABLES, CAMPUS LAYOUT DIAGRAM, ENROLLMENTS, AND PROJECTIONS, (2) UNDERGRADUATE, EVENING SCHOOL, PROFESSIONAL, GRADUATE, AND SUMMER PROGRAMS, (3) OBJECTIVES, PROGRAMS, FACILITIES, FUTURE NEEDS FOR EACH COLLEGE ON THE COLLEGE PARK CAMPUS AND FOR EACH COLLEGE ON THE BALTIMORE CAMPUS. THE APPENDIX PROVIDES TABLES FOR THE SPACE USE BY BUILDINGS, INVENTORY OF EXISTING FACILITIES, AND PLOT PLANS OF UNIVERSITY PROPERTY FOR BOTH CAMPUSES. (HH)

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REPORT TO THE UNIVERSITY OF ILLINOIS

SUA INCORPORATED, NEW YORK, N. Y.

PUBLISHED- 59

086 PAGES

DESCRIPTORS- *COLLEGE PLANNING, *FACILITY REQUIREMENTS, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *METHODOLOGY, BUILDING DESIGN, FACILITY INVENTORY, OFFICES (FACILITIES), SPACE UTILIZATION, TRAFFIC CIRCULATION

FACILITY REQUIREMENTS FOR THE UNIVERSITY OF ILLINOIS, CHICAGO UNDERGRADUATE DIVISION, WERE ANALYZED TO ESTIMATE SPACE REQUIREMENTS OF THE VARIOUS DEPARTMENTS OF THE DIVISION. STANDARDS USED WERE ESTABLISHED BY ASSIGNMENT OF AREAS TO ACTUAL EQUIPMENT, FURNITURE, ETC., FOR SPECIFIC USAGE OF THE SPACE UNDER CONSIDERATION RATHER THAN ASSIGNMENT OF SPACE BEING BASED ON A MULTIPLIER OF A SET SQUARE FOOTAGE PER STUDENT TIMES THE NUMBER OF STUDENTS ASSIGNED TO THE AREA AT ANY ONE TIME. PROPER FUNCTIONING OF A SPACE WAS COMPARED WITH THE TYPE OF EQUIPMENT USED AND THE CIRCULATION SPACE NEEDED. RESULTANT ROOM SIZE WAS DIVIDED BY THE REQUIRED NUMBER OF STUDENTS TO ARRIVE AT AN AVERAGE STUDENT STATION SIZE. USING THIS METHOD, SPACE REQUIRED FOR CLASSROOMS, FACULTY, ADMINISTRATION, LABORATORIES AND SERVICE FUNCTIONS WERE ESTIMATED FOR EACH CONSTRUCTION PHASE OF THE EXPANSION PROGRAM. (BH)

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UTILIZATION OF INSTRUCTIONAL SPACE AT VIRGINIAS COLLEGES, PRIVATE AND STATE-CONTROLLED COLLEGES AND UNIVERSITIES-1967-68

BY- PHILLIPS, JAMES C AND FINLEY, DONALD J AND ADKINS, CHASE M

PUBLISHED-JUL68

AVAILABLE FROM- VIRGINIA STATE COUNCIL OF HIGHER EDUCATION, RICHMOND

022 PAGES

DESCRIPTORS- *COLLEGE BUILDINGS, *FACILITY UTILIZATION RESEARCH, *PRIVATE COLLEGES, *STATE COLLEGES, *SPACE UTILIZATION, CLASSROOM, INSTRUCTION, LABORATORY, PHYSICAL EDUCATION, RESEARCH DESIGN

A REPORT ON A STATE-WIDE STUDY OF THE UTILIZATION OF CLASSROOM, LABORATORY, AND PHYSICAL EDUCATION INSTRUCTIONAL SPACE IN PRIVATE AND STATE-CONTROLLED HIGHER EDUCATIONAL FACILITIES IN VIRGINIA. THE REPORT IS QUANTITATIVELY BASED AND INCLUDES A DISCUSSION OF ITS SCOPE AND CRITERIA FOR VALIDITY, SUMMARY STATEMENTS OF FINDINGS AS WELL AS DEFINITIONS OF TERMS EMPLOYED, AND AN APPENDIX WHICH PRESENTS THE FORMS USED TO GATHER DATA. A LIST OF COOPERATING INSTITUTIONS IS INCLUDED. (FPO)

Availability:

Virginia State Council of Higher Education
Richmond, Virginia 23216

ERIC/CEF DOCUMENT NO. EF003100 DISPOSITION-UFRC 2

SPACE UTILIZATION STUDY AND FUTURE CAPITAL OUTLAY NEEDS FOR PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN MARYLAND (A REPORT TO THE MARYLAND STATE PLANNING DEPARTMENT)

PUBLISHED-SEP64

092 PAGES

DESCRIPTORS- *CAPITAL OUTLAY (FOR FIXED ASSETS), *FACILITY REQUIREMENTS, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *SPACE UTILIZATION, COLLEGE PLANNING, EDUCATIONAL FINANCE, ENROLLMENT PROJECTIONS, FACILITY CASE STUDIES, FACILITY EXPANSION

CAPITAL OUTLAY NEEDS ARE PRESENTED FOR THE STATE-SUPPORTED INSTITUTIONS OF HIGHER EDUCATION IN MARYLAND. INCLUDED ARE THE SPACE INVENTORY, BUILDING QUALITY STUDY, AND SPACE UTILIZATION STUDY OF THE EXISTING FACILITIES. THE PROJECTION OF ACADEMIC BUILDING NEEDS IS BASED UPON THE ENROLLMENT PROJECTIONS, METHODS OF IMPROVING SPACE UTILIZATION, AND THE USE OF SPACE FACTORS TO DEVELOP VALID SPACE REQUIREMENTS. EQUITABLE DISTRIBUTION OF CAPITAL OUTLAY FUNDS ARE SUGGESTED BETWEEN THE STATE-SUPPORTED INSTITUTIONS RECOGNIZING THEIR DIFFERENCES IN SIZE, PROGRAM, AND LEVEL OF INSTRUCTION. (FS)

Availability:

State Planning Department
301 West Preston Street
Baltimore, Maryland 21201

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A STUDY OF UTILIZATION OF INSTRUCTIONAL SPACE IN THE UNIVERSITY OF SOUTH FLORIDA

UNIVERSITY OF SOUTH FLORIDA, TAMPA

PUBLISHED-MAY67

120 PAGES

DESCRIPTORS- *FACILITY CASE STUDIES, *FACILITY REQUIREMENTS, *FACILITY UTILIZATION RESEARCH, *INTERIOR SPACE, *SPACE UTILIZATION, CLASS SIZE, COLLEGE BUILDINGS, DATA, SCHOOL SPACE

THIS REPORT IS AN ANALYSIS OF THE UTILIZATION OF INSTRUCTIONAL SPACE AT THE UNIVERSITY OF SOUTH FLORIDA CONDUCTED FOR THE FALL TRIMESTER, 1966. UTILIZATION IS TABULATED BY ROOM TYPE, AND COLLEGE AND COURSE LEVEL. THESE ARE BROKEN DOWN FURTHER BY (1) DAYS OF THE WEEK, (2) HOURS OF THE DAY, (3) BUILDING, (4) SIZE OF ROOM, (5) FLOOR SPACE, AND (6) FULL TIME EQUIVALENT STUDENT. (FS)

Availability:

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University of South Florida
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ERIC/CEF DOCUMENT NO. EF003050 DISPOSITION-UFRC 2

PHYSICAL FACILITIES, COLORADO COLLEGES AND UNIVERSITIES

BY- WALKER, CHARLES R. AND KOBLER, R. DALE
COLORADO STATE COMMISSION ON HIGHER EDUCATION, DENVER

PUBLISHED-JAN69

AVAILABLE FROM- COLORADO COMMISSION ON HIGHER EDUCATION, 719 STATE SERVICE BLDG., DENVER, COLORADO 80203

052 PAGES

DESCRIPTORS- *BUILDING DESIGN, *COLLEGE BUILDINGS, *FACILITY INVENTORY, *STATISTICAL STUDIES, *STATE SURVEYS, COSTS, EDUCATIONAL RESOURCES, INTERIOR SPACE, RESEARCH METHODOLOGY, UNIVERSITIES

AN INVENTORY AND EVALUATION OF PHYSICAL FACILITIES OF ALL COLORADO PUBLIC COLLEGES AND UNIVERSITIES, WITH MINOR EXCEPTIONS, AND FOUR PRIVATE COLLEGES. THE STUDY WAS CONDUCTED IN ACCORDANCE WITH THE USOE SYSTEM FOR GATHERING UNIFORM EDUCATIONAL STATISTICS AND HAS BEEN COMPUTERIZED FOR FUTURE USE. THE INVENTORY AND EVALUATION ARE CLASSIFIED UNDER THE HEADINGS OF 1 INSIDE SPACE, 2 BUILDING CHARACTERISTICS, 3 BUILDING EVALUATION, 4 BUILDING COSTS, AND 5 LAND. (FPO)//

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719 State Service Building
Denver, Colorado 80203

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INDIANA FACILITIES UTILIZATION SURVEY FOR COLLEGES AND UNIVERSITIES. FALL 1967. HIGHER EDUCATION IN INDIANA. NEEDS AND RESOURCES 1968-85. CURRENT STATUS REPORT 5. FACILITIES INVENTORY-UTILIZATION

PUBLISHED- 68

298 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FACILITY CASE STUDIES, *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *SPACE UTILIZATION, COLLEGE PLANNING, FACILITY EXPANSION, FACILITY REQUIREMENTS, HIGHER EDUCATION, INSTRUCTIONAL PROGRAMS

RESOURCE AND DEMAND CHARACTERISTICS OF THE PUBLIC AND PRIVATE INSTITUTIONS OF HIGHER EDUCATION IN INDIANA ARE REVIEWED. A SUMMARY AND UTILIZATION STUDY OF THE PHYSICAL FACILITIES AVAILABLE ARE PRESENTED AS IS- A PROFILE OF THE INSTRUCTIONAL ACTIVITY FOR THESE COLLEGES AND UNIVERSITIES DURING THE FALL TERM, 1967. SPACE INVENTORY SUMMARIES ARE PRESENTEED FOR BOTH RESIDENTIAL AND NON-RESIDENTIAL SPACE WITH EMPHASIS ON THE NCN-RESIDENTIAL ANALYSIS. STATISTICS FOR INDIVIDUAL SCHOOLS ARE NCT REPORTED, BUT COMPARISONS ARE MADE ON A GROUP BASIS BY CAMPUS SIZE, PROGRAM EMPHASIS, OR SOURCE OF SUPPORT, WHERE APPROPRIATE, CCMPARISONS ARE MADE WITH FACILITIES STUDIES OF OTHER STATES. (FS)

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A NEW PROJECTION OF BUILDING SPACE NEEDS AT THE UNIVERSITY OF MINNESOTA BY THE YEAR 1975. BASED ON METHODS DEVELOPED IN THE 1956 STUDY. 2ND ED. AUG 1967

UNIVERSITY OF MINNESOTA, OFFICE OF ROOM ASSIGNMENTS AND SCHEDULING, MINNEAPOLIS, MINN.

PUBLISHED-JUN64

041 PAGES

DESCRIPTORS- *CAMPUS PLANNING, *FACILITY EXPANSION, *FACILITY REQUIREMENTS, *MASTER PLANS, *SPACE UTILIZATION, CONSTRUCTION PROGRAMS, DESIGN NEEDS, FACILITY GUIDELINES, FACILITY UTILIZATION RESEARCH, SCHOOL BUILDINGS

METHODS FOR DETERMINING TEACHING LOAD MEASUREMENTS AND FOR PROJECTING BUILDING SPACE NEEDS FOR THE VARIOUS FUNCTIONAL ACTIVITIES OF THE UNIVERSITY OF MINNESOTA ARE DISCUSSED AND EVALUATED. VARIOUS FACTORS WHICH MIGHT INFLUENCE THE SPACE NEEDS OF THE INDIVIDUAL DEPARTMENTS ARE IDENTIFIED AND EVALUATED. ASSIGNABLE SQUARE FOOT BUILDING SPACE NEEDS ARE PROJECTED IN LARGE AGGREGATES. (FS)

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